

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 May 2005 (06.05.2005)

PCT

(10) International Publication Number
WO 2005/039805 A2

(51) International Patent Classification⁷: **B22F 3/03**

(21) International Application Number:
PCT/CH2004/000650

(22) International Filing Date: 28 October 2004 (28.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1841/03 29 October 2003 (29.10.2003) CH

(71) Applicant (for all designated States except US): **ALVIER
AG PM-TECHNOLOGY** [CH/CH]; Fabrikstrasse 17,
CH-9470 Buchs SG (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GOOD, Hermann**

[CH/CH]; Sägeweg 6, CH-9470 Buchs SG (CH). **RAUCH,**
Peter [AT/AT]; Hubstrasse 55, A-6800 Feldkirch-Tisis
(AT).

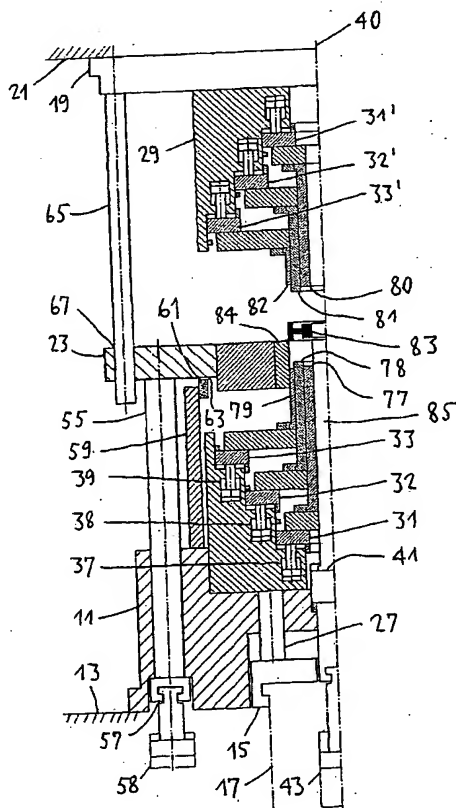
(74) Agents: **RIEDERER, Conrad, A. et al.**; Riederer Hasler
& Partner Patentanwälte AG, Elestastrasse 8, 7310 Bad
Ragaz (CH).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: **DEVICE TO RECEIVE TOOLS FOR THE CALIBRATION OF WORKPIECES AND PRESS WITH SUCH A DE-
VICE**



(57) Abstract: The device serves to receive a tool for calibrating of work-
pieces (83), preferably workpieces manufactured by a powder metallurgi-
cal process. On the example shown the tool comprises the lower stamps
(77, 78, 79) and the upper stamps (80, 81, 82) located on tool supports (31,
32, 33; 31', 32', 33'). These stamps may be moved up and down individ-
ually or together parallel to the axis (40). Also movable up and down is
the tool support (41) on which, if required, a center pin (85) is mounted.
The device is particularly suitable for the calibration of complicated work-
pieces, such as represented for example by the workpiece (83) having the
form of a body of rotation.

WO 2005/039805 A2



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.